

Patent Details:

Patent Kind Lan Pg Filing Notes Application Patent
JP 60208909 A 10

Abstract (Basic): JP 60208909 A

Compsn. comprises (A) 100 wt. pts. resin mixt. of (a) 80-99.5 pts. wt. aliphatic polyamide resin, and (b) 20-0.5 wt. pts. copolymer resin contg. maleic acid (anhydride), monoalkyl maleate and/or dialkyl maleate; (B) 0.1-600 pts. wt. antiinflammatory and analgesic active ingredient; (C) 0.1-600 pts. wt. polyhydric alcohol and/or its deriv.; and (D) 200-1900 pts. wt. lower alcohol contg. 0-50 wt. % water.

Copolymer (b) is e.g. methylvinylether maleic acid (anhydride) copolymer, methylvinylether monoalkyl maleate and/or dialkyl maleate copolymer, styrene-maleic acid (anhydride) copolymer, styrene-monoalkyl maleate and/or dialkyl maleate copolymer, or isobutylene-maleic acid (anhydride) copolymer.

USE/ADVANTAGE - Pharmaceutical ingredient-releasability and absorbability of ingredient from skin are improved. When applied to skin, no injury occurs.

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Derwent Class: A96; B07

International Patent Class (Additional): A61K-009/00; A61K-047/00

?S PN=JP 58167510

S4

1 PN=JP 58167510

?T 4/7/1

4/7/1

DIALOG(R) File 352:DERWENT WPI

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003815730

WPI Acc No: 83-811975/198345

Antiinflammatory cataplasma contg. indomethacin - prepd. by adding nonionic surfactant to base contg. indomethacin and adjusting pH
Patent Assignee: GRELAN PHARM CO LTD (GREM); TOKO YAKUHI KOGYO KK (TOKO-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 58167510 A		19831003					198345 B

Priority Applications (No Type Date): JP 8249183 A 19820329

Patent Details:

Patent Kind Lan Pg Filing Notes Application Patent
JP 58167510 A 8

Abstract (Basic): **JP 58167510 A**

Cataplasma contg. indomethacin, which is stable and has excellent discharging efficiency, is described (characterised by the following). A nonionic surface active agent is added to a base contg. 0.1-1.5wt. % indomethacin, that a pH-adjusting agent is added thereto, and that the entire cataplasma is adjusted to pH 4.5-6.5. The nonionic surface active agent is at least one kind of polysorbate 80, sucrose fatty acid ester of polyoxyethylene castor oil. The pH-adjusting agent is at least one kind of acrylic acid polymer and methoxyethylene-maleic acid anhydride copolymer. The content of nonionic surface active agent is 0.05-5.0wt. % with respect to the entire base.

Indomethacin is a non-steroid type antiinflammatory agent and anodyne. When administered orally, however, it produces a side effect of troubles in digestive tracts, i.e., digestional ulcer, etc., although it has an excellent medicinal effect through absorption by digestive tracts. To alleviate such a side effect, examinations have been conducted of indomethacin as an external application, including

plaster cream agent and cataplasm. With respect to cataplasm, however, it has been such that indomethacin decomposes with time, and the efficiency of discharging indomethacin from the base was not necessarily good. As a result, the desired treatment effect has not been obtd. under the circumstances.

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Derwent Class: A96; B02; D22

International Patent Class (Additional): A61K-009/70; A61K-031/40

?S PN=JP 61275212

S5

1 PN=JP 61275212

?T 5/7/1

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DIALOG(R)File 352:DERWENT WPI

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007031751

WPI Acc No: 87-031748/198705

⑤ Cataplasm contg. ketoprofen useful for e.g. neuralgia - includes ointment contg. thickener, polyhydric alcohol solubilising agent, water and stabiliser

Patent Assignee: HISAMITSU PHARM CO LTD (HISM)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 61275212	A	19861205	JP 8590710	A	19850425		198705 B
JP 94062401	B2	19940817	JP 8590710	A	19850425	A61K-009/70	199431

Priority Applications (No Type Date): JP 8590710 A 19850425

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 61275212	A		13			
JP 94062401	B2		11	Based on		JP 61275212

Abstract (Basic): JP 61275212 A

Cataplasm contains ketoprofen as an active substance. An ointment comprises a thickener, a polyhydric alcohol, a solubilising agent, water and stabiliser.

Prefd. thickener contains sodium polyacrylate, gelatin, polyvinyl alcohol and copolymer of methylvinylether and maleic acid anhydride in prefd. proportion to cataplasm 2-5 wt.%, 2-6 wt.%, 2-5 wt.% and 1-4 wt.%, respectively. Pref. polyhydric alcohol is the one of glycerin, propylene glycol, sorbitol, ethylene glycol, diethylene glycol, polyethylene glycol, polypropylene glycol and 1,3-butylene glycol. Pref. proportion of the cataplasm is 20-30%. Pref. proportion of the solubilising agent, water, stabiliser and ketoprofen is 0.2-6 wt.%, 40-60 wt.%, 0.1-5 wt.% and 0.2-3 wt.%. Prefd. pH value of the cataplasm is 5-6.5. Opt. cataplasm contains filling materials, pH adjusting agents, antiseptics, pharmaceutical aids, antioxidants, emulsifiers, crosslinking agents or absorbifacients.

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Derwent Class: A96; B05; D22

International Patent Class (Main): A61K-009/70

International Patent Class (Additional): A61K-031/19

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